



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, WA 98101-3140

JUN 29 2016

**OFFICE OF
ENVIRONMENTAL CLEANUP**

MEMORANDUM

SUBJECT: Action Memorandum for the 192nd Street Drum East Dump Emergency Response Site pursuant to the On-Scene Coordinator's delegated authority under Section 104 of CERCLA

FROM: Angie Zavala, On-Scene Coordinator
Emergency Response Unit
Emergency Management Program

THRU: Calvin Terada, Unit Manager
Emergency Response Unit Manager
Emergency Management Program

TO: Administrative Record
192nd Street Drum East Dump Emergency Response

I. Purpose

The purpose of this memorandum is to document the decision to initiate emergency removal actions described herein for the 192nd Street Drum East Dump Emergency Response Site (Site) located in Tacoma, Pierce County, Washington pursuant to the On-Scene Coordinator's delegated authority under Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

II. Site Information

A. Site Description

Site Name:	192 nd Street Drum East Dump
Superfund Site ID (SSID):	10PT
CERCLIS Number:	WAN001001616
Site Location:	Across From 4111 192 nd Street Tacoma, WA 98446
County:	Pierce
Lat/Long:	Latitude: 47.08186 Longitude: -122.372551
Potentially Responsible Party (PRP):	None identified
Access:	Unrestricted
NPL Status:	Not listed or proposed for listing
Removal Start Date:	May 3, 2016

B. Site Background

1. Removal Site Evaluation

On May 3, 2016, the Washington Department of Ecology (Ecology) requested assistance from the EPA to characterize and dispose of five drums found abandoned along the Right-Of-Way (ROW) of 192nd Street East in an industrial area of Tacoma, Washington. The drums were abandoned at the location, directly adjacent to an undeveloped parcel and a freshwater emergent wetland. Based upon the photos that were submitted to the EPA from Ecology, the drums looked to be in poor physical condition and tipped over on their side in the wetland. In addition, the photos showed a visible sheen on the water surface.

The EPA and its emergency response contractors mobilized to the Site on May 3, 2016. An initial assessment of the factory sealed and labeled drums, confirmed the presence of abandoned containers of various CERCLA-listed hazardous substances in the drainage ditch of the 192nd Street East ROW. A total of five (5) 55-gallon containers were discovered of which three appeared to retain the original bung seal applied at the factory indicating the drums had not been opened. Among the chemicals observed at the Site were sealed 55 gallon drums of a water-based concrete form separator (Tilt Free Bond Breaker) containing solvent naphtha (petroleum) medium aliphatic, solvent naphtha (petroleum) light aromatic, and butyl cellosolve. While this product was labeled to be not subject to reporting requirements under the federal Emergency Planning and Community Right-To-Know Act (EPCRA), it poses a health and flammability hazard if a release were to occur. The three (3) factory-sealed and labeled containers were set aside for off-site disposal. The remaining two (2) 55-gallon containers were observed to be similar to the other labeled drums or had identical drum markings. The remaining two (2) 55-gallon containers were also overpacked and transported by ERRS to a disposal facility to be further evaluated for disposal purposes.

2. Physical location and Site characteristics

The Site is located in an industrial area within the City of Tacoma, Pierce County, Washington (Figure 1). The majority of the surrounding land use is industrial, however, directly adjacent to the abandoned drums is a freshwater emergent wetland. The Site sits within one mile of one day care and one church and directly adjacent to a commercial area (Figures 1 and 2).

The containers were abandoned within the Pierce County ROW of 192nd Street East. Access to the containers was available to EPA personnel and contractors directly via the roadway.

3. Release or threatened release into the environment of a hazardous substance, pollutant or contaminant.

The five (5) 55-gallon containers were abandoned in the drainage ditch of the 192nd Street East ROW, directly adjacent to a freshwater emergent wetland in approximately 2 feet of standing water. The five (5) containers each contained flammable liquid as per their labeling. There were no apparent markings on the containers indicating ownership. Had the five (5) 55-gallon containers not been removed their contents could have been released to the environment through corrosion of the drums or accidental impact resulting in the failure of container integrity.

III. Threats to Public Health Welfare or the Environment

A. Nature of Actual or Threatened Release of Hazardous Substances, Pollutants or Contaminants.

The conditions at the Site met the following factors which indicate that the Site was a threat to public health or welfare of the United States or the environment and removal action is appropriate under 40 C.F.R. § 300.415(b)(2) of the National Oil and Hazardous Substances Pollution Contingency Plan (NCP).

B. Applicable factors (from 40 C.F.R. § 300.415) which were considered in determining the appropriateness of a removal action:

1. Actual or potential exposure to nearby human populations, animals or the food chain from hazardous substances or pollutants or contaminants [300.415(b)(2)(i)].

Flammable and toxic substances at the Site presented a threat of exposure to the environment at the Site, and people driving by the Site. Many school buses were observed passing by the Site during EPA's response activities on May 3, 2016. Access to the Site is unrestricted. Hazardous substances at the Site were not secure from access by visitors to the property or trespassers.

2. Actual or potential contamination of drinking water supplies or sensitive ecosystems [300.415(b)(2)(ii)].

Flammable and toxic substances at the Site were abandoned directly adjacent to a freshwater emergent wetland.

3. Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release [300.415(b)(2)(iii)].

Flammable and toxic substances contained in abandoned drums at the Site posed a threat of release to the environment. The five (5) 55-gallon containers appeared to have been rolled off the road into the drainage ditch. The containers were all on their side, with dents and scratches, and four(4) of the five (5) containers were in standing water approximately two

(2) feet deep. If the containers were to release into the wetland, the environmental impact and subsequent cleanup would have severe damage.

4. The availability of other appropriate federal or state response mechanisms to respond to the release [300.415(b)(2)(vii)].

State and local authorities did not have the available resources or appropriate authorities to remove the chemical hazards from the Site. Ecology requested EPA assistance because there were no known other appropriate federal or state response mechanism capable of providing the appropriate resources in the prompt manner needed to address the potential human and environmental health threats described herein.

IV. Selected Removal Action and Estimated Costs

A. Situation and Removal Activities to Date

1. Current Situation.

A total of five (5) abandoned 55-gallon drums were observed at the Site. There was no apparent owner of the abandoned containers as no owner information was visible on the drum markings. An emergency response was initiated and completed on May 3, 2016. The EPA directed contractors to characterize, segregate, and secure materials and arrange for transportation and disposal of all chemicals. Material that was factory sealed and clearly labeled as a CERCLA hazardous substance was segregated, while all other known or suspected hazardous substances were analyzed using field testing techniques and categorized into appropriate hazard classifications. A total of 5 drums were placed into five (5) overpack drums, which were transported to a disposal facility on May 3, 2016. All five containers were removed, transported, and disposed at an appropriate facility. No further actions are anticipated for this Site.

2. Removal activities to date:

There have been no known government or private cleanup actions previously undertaken at the Site.

3. Enforcement

See attached Confidential Enforcement Addendum.

B. Planned Removal Actions

1. Proposed action description

The emergency removal action described herein was initiated and completed on May 3, 2016. The EPA directed contractors to characterize, segregate, and secure materials and arrange for transportation and disposal of all chemicals. The drums, which were factory sealed and clearly labeled as a CERCLA hazardous substance, were segregated while all other known or suspected hazardous substances were analyzed using field testing techniques and categorized into appropriate hazard classifications. A total of five (5) drums were placed into five (5) overpack drums, which were transported to a disposal facility on May 3, 2016.

2. Contribution to remedial performance

The Site is not listed or proposed for listing on the National Priorities List (NPL). The subject response action described in this memorandum is an emergency response removal to remove hazardous substances at the Site. The interim action will not impede any future removal or remedial action at the Site should new information indicate such an action is needed in the future.

3. ARARs

The NCP requires that removal actions attain Applicable or Relevant and Appropriate Requirements (ARARs) under federal or state environmental or facility siting laws, to the extent practicable. In determining whether compliance with ARARs is practicable, the EPA may consider the scope of the removal action and the urgency of the situation [40 CFR §300.415(j)].

Resource Conservation and Recovery Act (RCRA) [42 U.S.C. § 6901], Subtitle "C" - Hazardous Waste Management [40 C.F.R. Parts 260 to 279]. Federal hazardous waste regulations specify hazardous waste identification, management, and disposal requirements. For the management of RCRA hazardous wastes that are not Bevill-exempt, applicability of Subtitle C provisions depend on whether the waste is managed within an Area of Contamination (AOC). 55 FR 8760 (Mar. 8, 1990). Applicable or relevant and appropriate requirements of RCRA Subtitle C (or the state equivalent) may be satisfied by off-site disposal, consistent with the Off-Site Rule, 40 C.F.R. § 300.440. RCRA Subtitle C also provides treatment standards for debris contaminated with hazardous waste ("hazardous debris"), 40 C.F.R. § 268.45, although the lead agency may determine that such debris is no longer hazardous, consistent with 40 C.F.R. § 261.3(f)(2), or equivalent state regulations.

4. Project Schedule

The emergency response removal action needed to be initiated as soon as possible. The presence of chemical containers that were improperly stored and abandoned in a drainage ditch along the 192nd Street East ROW necessitated immediate action. The EPA mobilized to the Site on May 3, 2016 and completed all removal activities on May 3, 2016.

C. Estimated Costs*

Contractor costs (ERRS/START staff, travel, equipment)	\$18,500
Other Extramural Costs (Strike Team, other Fed Agencies)	
Contingency costs (20% of subtotal)	\$6,000
Total Removal Project Ceiling	\$24,500

*EPA direct and indirect costs, although cost recoverable, do not count toward the Removal Ceiling for this removal action. Liable parties may be held financially responsible for costs incurred by the EPA as set forth in Section 107 of CERCLA.

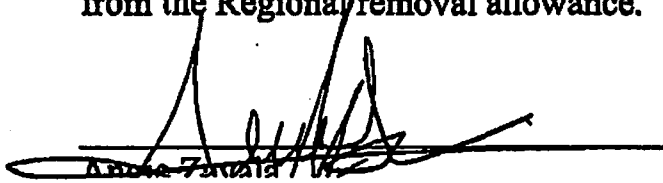
V. Expected Change in the Situation Should Action Be Delayed or Not Taken

A delay in action or no action at this Site would have increased the actual or potential threats to the public health and/or the environment.

VII. Approvals

This decision document represents the selected emergency response removal action for this Site, developed in accordance with CERCLA, and not inconsistent with the NCP. This decision is based on the administrative record for the Site.

Conditions at the Site meet the NCP section 300.415(b) criteria for a removal action and through this document, I am approving the proposed removal actions described herein. The total project ceiling is \$24,500 this amount will be funded from the Regional removal allowance.



Anna Faruqi

6/29/16
Date

VI. Outstanding Policy Issues
None.



ecology and environment, inc.
Global Environmental Specialists
Seattle, Washington

192nd STREET DRUM EAST DUMP
Tacoma, Washington

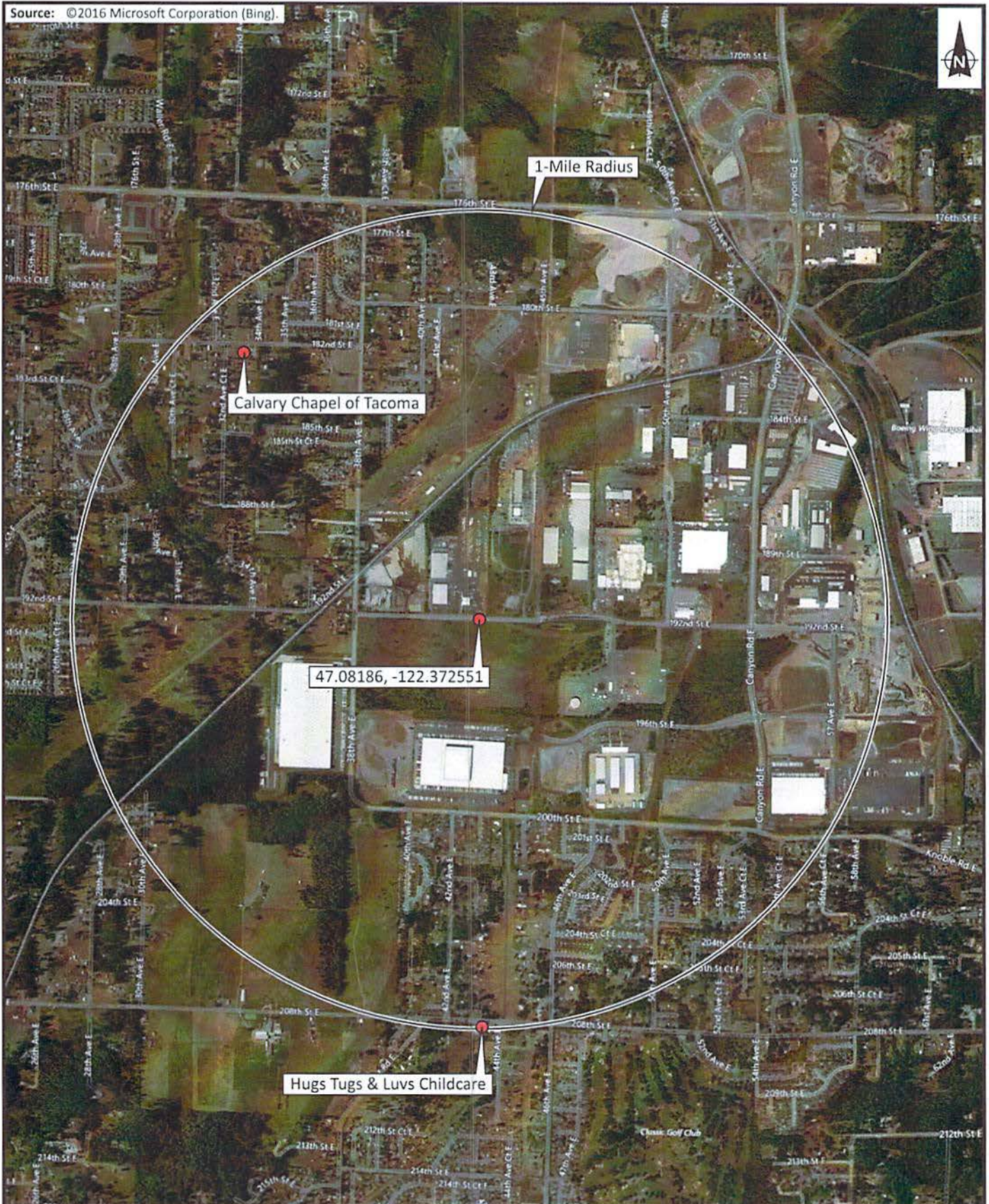
0 200 400
Approximate Scale in Feet

Figure 1
SITE LOCATION MAP

Date:
5/6/16

Drawn by:
AES

10:START IV\15050002\fig 1



ecology and environment, inc.
Global Environmental Specialists
Seattle, Washington

192nd STREET DRUM EAST DUMP
Tacoma, Washington

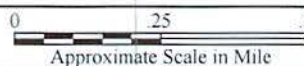


Figure 2
1-MILE RADIUS MAP

Date:
5/6/16

Drawn by:
AES

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Attorney-Client Communication/Enforcement Confidential/Do Not Release Under FOIA

Confidential Enforcement Addendum for the 192nd Street Drum East Dump Emergency Response Site

(b) (5), (b) (7)(A)

